

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051151.D
 Acq On : 20 Nov 2021 17:14
 Operator : CG/JU
 Sample : M4736-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202

Quant Time: Nov 22 01:23:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	27752	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	108169	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	68684	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	154537	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	169661	20.000	ng	# 0.00
86) Perylene-d12	25.285	264	168857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	228085	127.048	ng	0.00
7) Phenol-d6	7.359	99	271700	107.453	ng	0.00
23) Nitrobenzene-d5	9.380	82	224455	94.723	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	105767	144.882	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	429674	94.398	ng	0.00
79) Terphenyl-d14	20.173	244	770741	83.047	ng	0.00

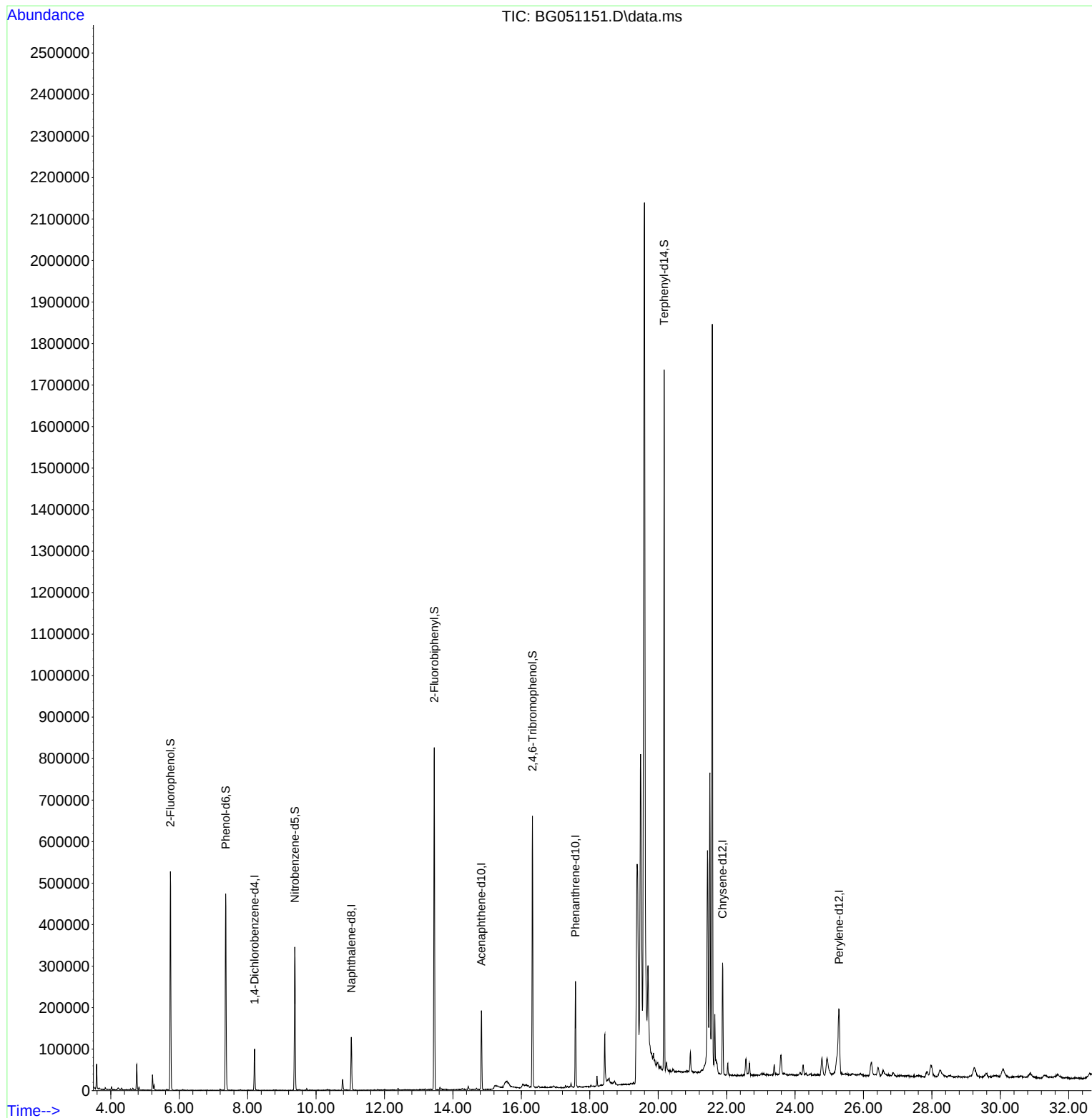
Target Compounds	Qvalue

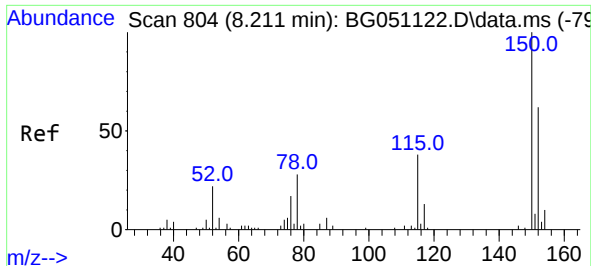
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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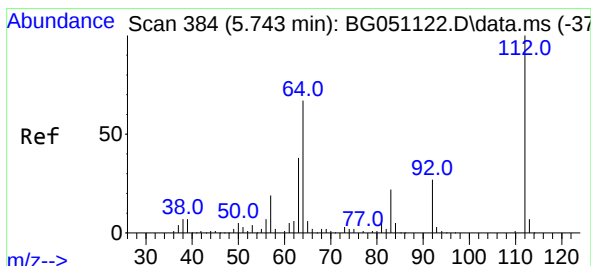
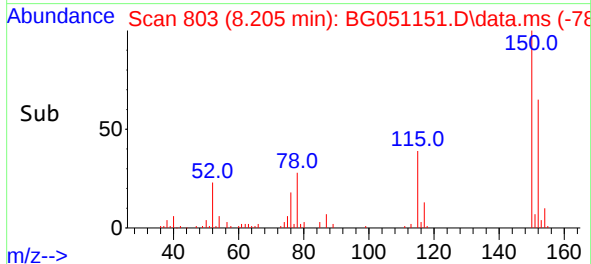
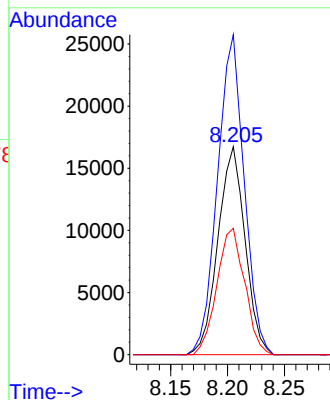
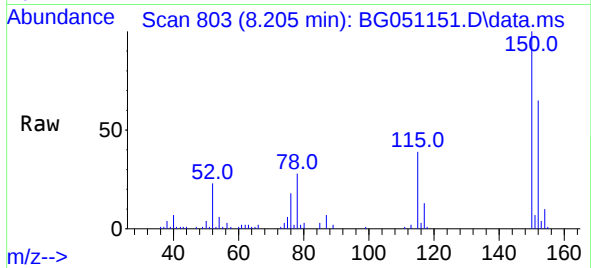




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

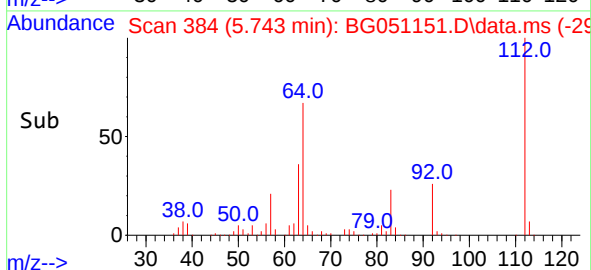
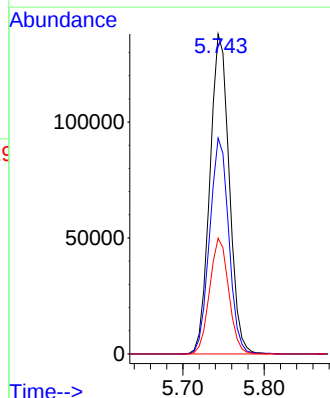
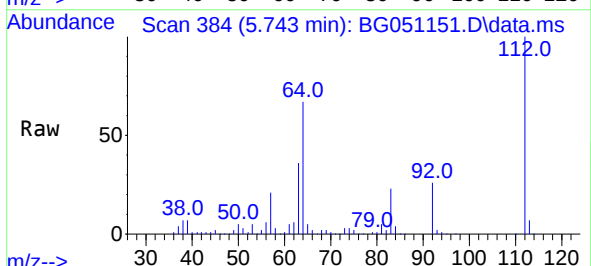
Instrument :
BNA_G
ClientSampleId :
VNJ-202

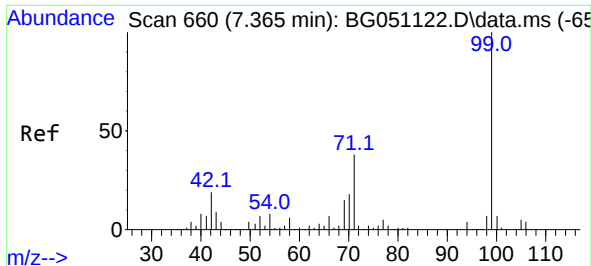
Tgt Ion:152 Resp: 27752
Ion Ratio Lower Upper
152 100
150 153.8 119.4 179.0
115 60.7 60.2 90.4



#5
2-Fluorophenol
Concen: 127.048 ng
RT: 5.743 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

Tgt Ion:112 Resp: 228085
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 36.1 35.3 52.9

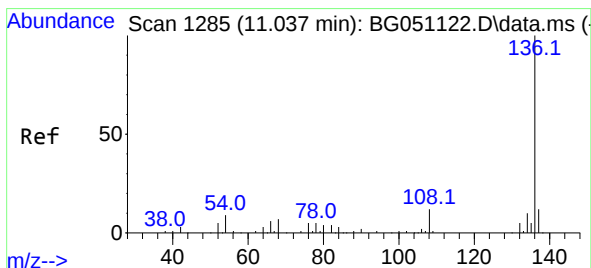
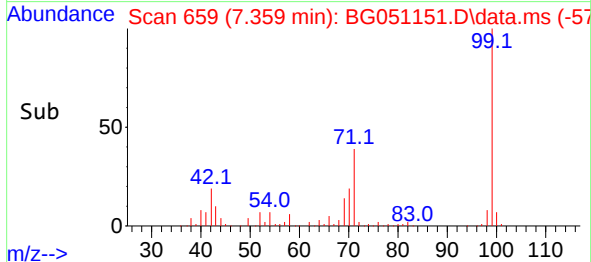
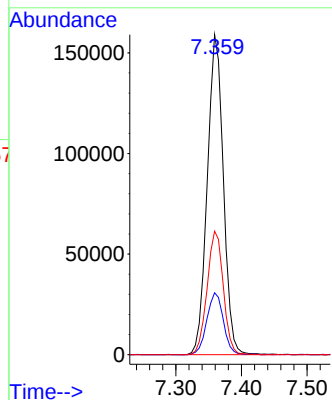
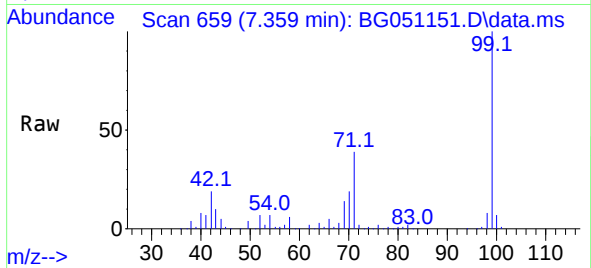




#7
Phenol-d6
Concen: 107.453 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

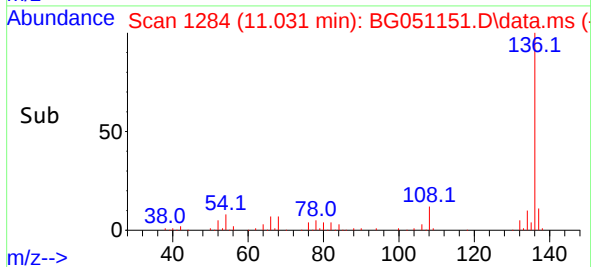
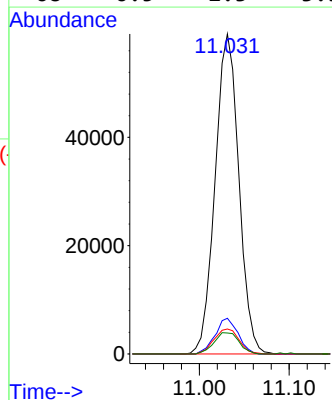
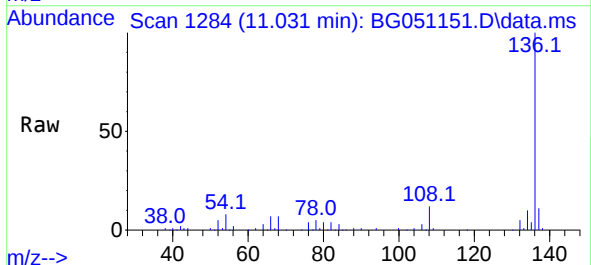
Instrument :
BNA_G
ClientSampleId :
VNJ-202

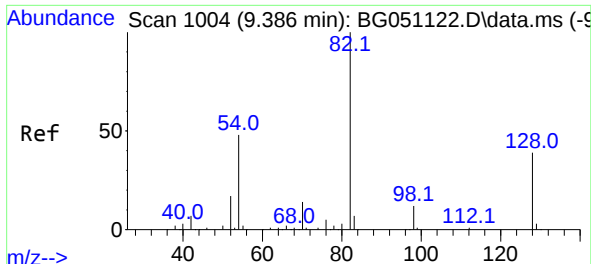
Tgt Ion: 99 Resp: 271700
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.6 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

Tgt Ion:136 Resp: 108169
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 7.8 5.5 8.3
68 6.5 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 94.723 ng

RT: 9.380 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG051151.D

Acq: 20 Nov 2021 17:14

Instrument :

BNA_G

ClientSampleId :

VNJ-202

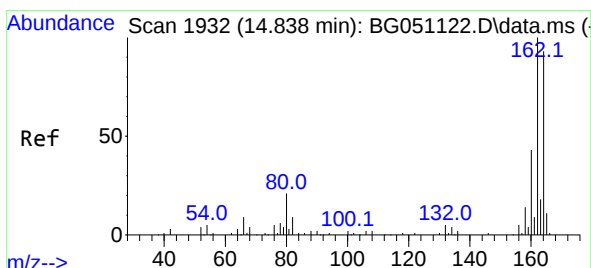
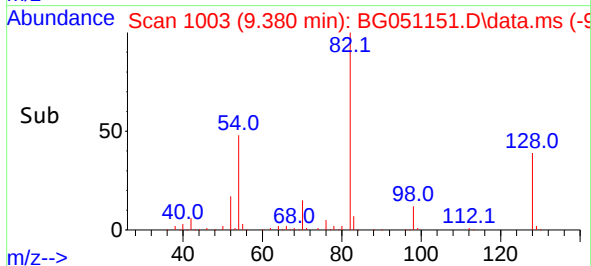
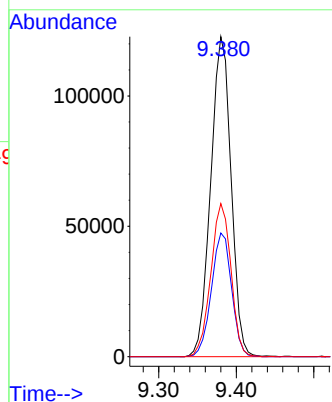
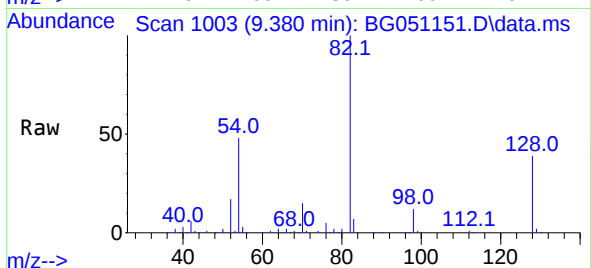
Tgt Ion: 82 Resp: 224455

Ion Ratio Lower Upper

82 100

128 38.7 29.8 44.6

54 47.8 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.833 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BG051151.D

Acq: 20 Nov 2021 17:14

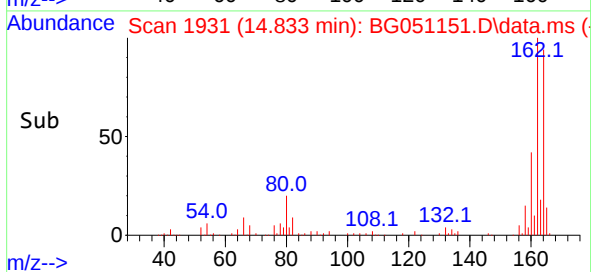
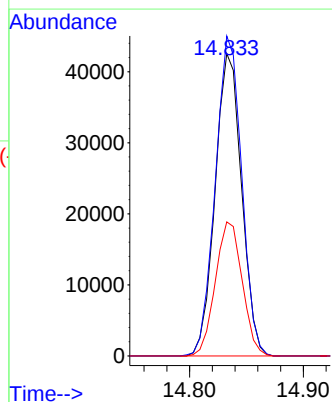
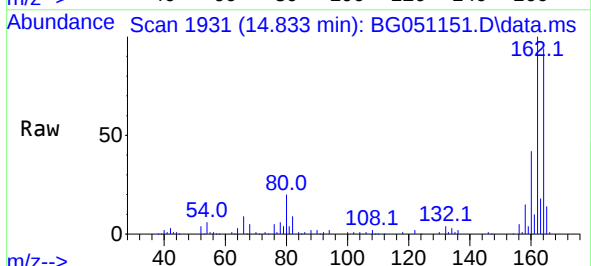
Tgt Ion:164 Resp: 68684

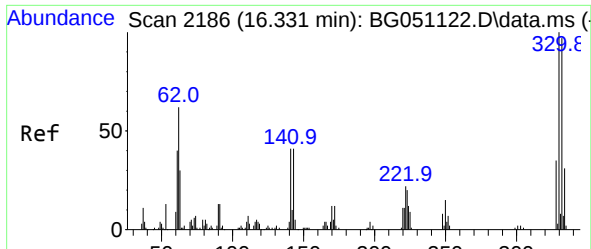
Ion Ratio Lower Upper

164 100

162 105.8 81.4 122.0

160 44.4 34.9 52.3

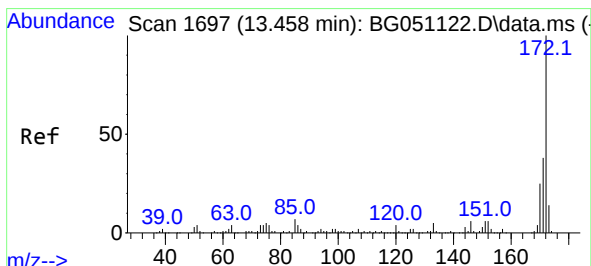
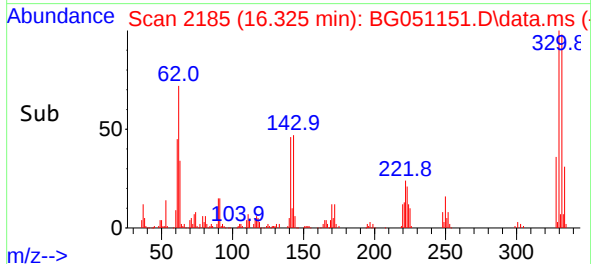
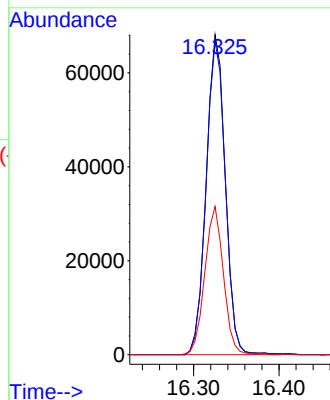
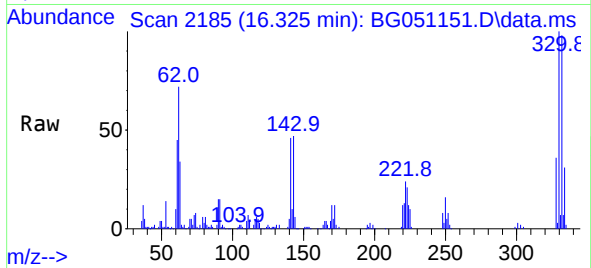




#42
2,4,6-Tribromophenol
Concen: 144.882 ng
RT: 16.325 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

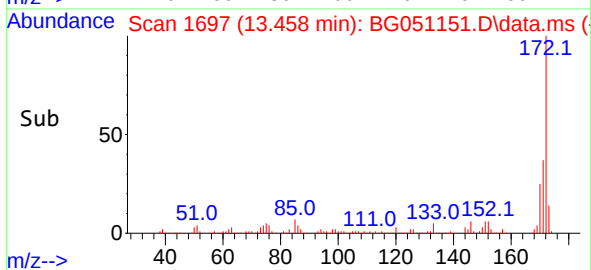
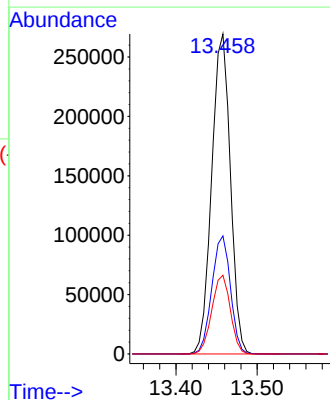
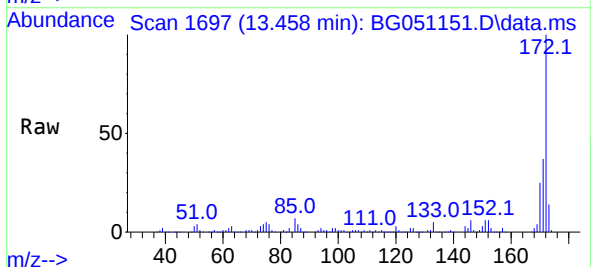
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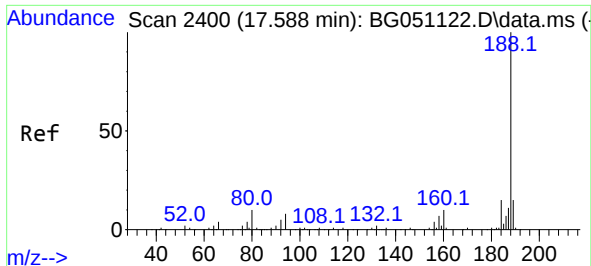
Tgt Ion:330 Resp: 105767
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 45.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 94.398 ng
RT: 13.458 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

Tgt Ion:172 Resp: 429674
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.6 18.6 27.8

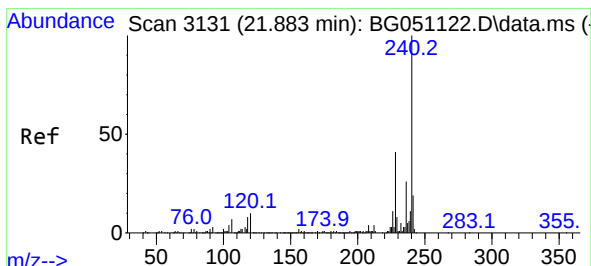
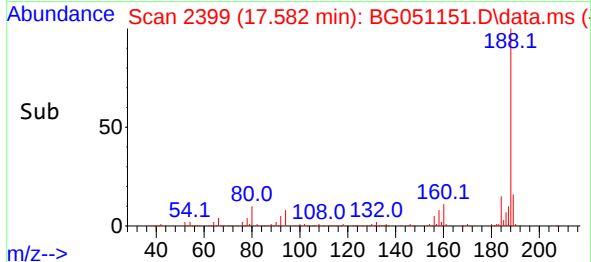
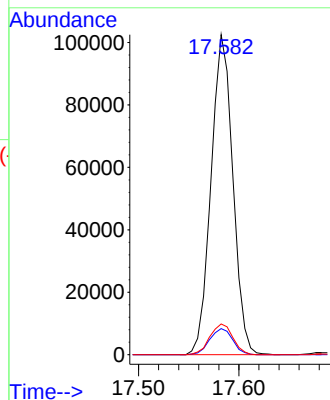
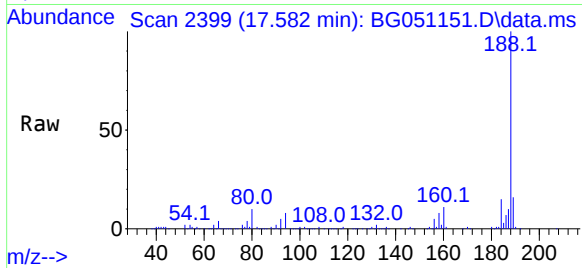




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

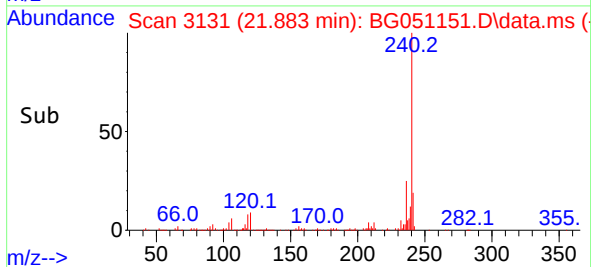
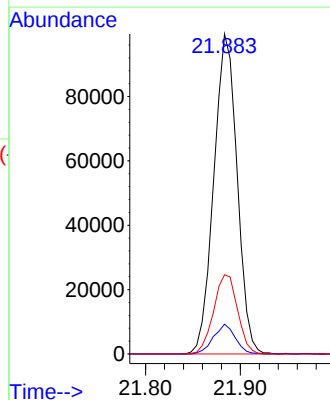
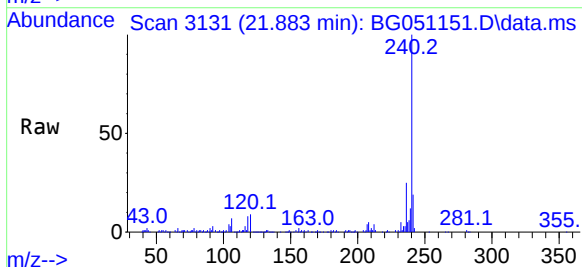
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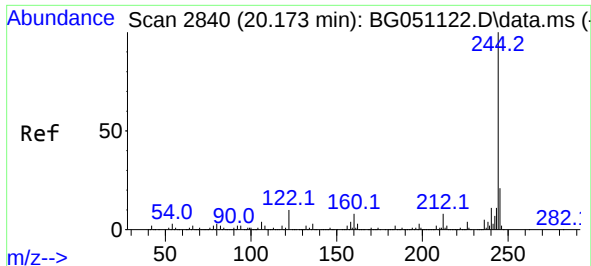
Tgt Ion:188 Resp: 154537
Ion Ratio Lower Upper
188 100
94 8.2 5.4 8.0#
80 9.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG051151.D
Acq: 20 Nov 2021 17:14

Tgt Ion:240 Resp: 169661
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 24.7 21.8 32.6

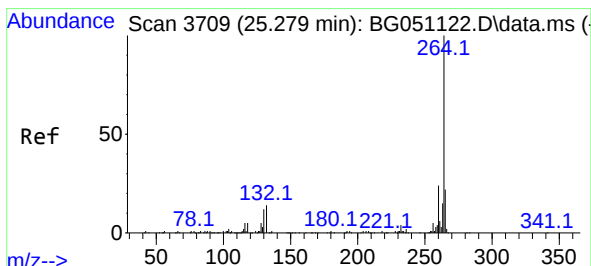
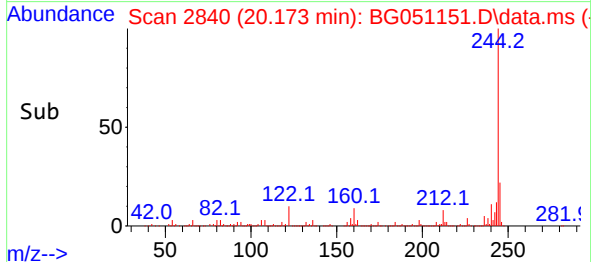
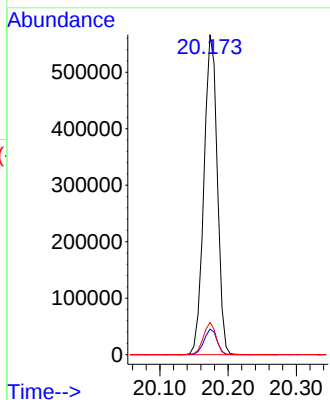
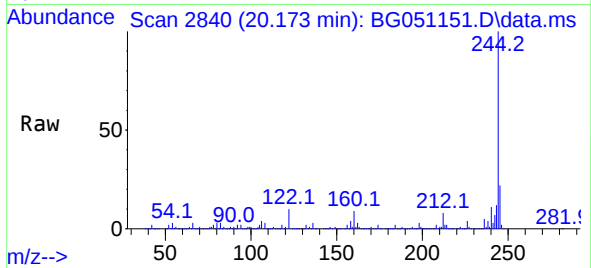




#79
 Terphenyl-d14
 Concen: 83.047 ng
 RT: 20.173 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG051151.D
 Acq: 20 Nov 2021 17:14

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202

Tgt Ion:244 Resp: 770741
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 10.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 3710
 Delta R.T. 0.006 min
 Lab File: BG051151.D
 Acq: 20 Nov 2021 17:14

Tgt Ion:264 Resp: 168857
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.8 16.9 25.3

